

ABSTRACT OF THE DISCLOSURE

5 A library terminal permits a user to execute a
loan transaction without assistance. The library termi-
nal(i) provides a visible scan line from a bar code reader
10 indicating the correct positioning of the bar code on a
circulating item, (ii) leads a user through a loan transac-
tion, (iii) provides an explicit feedback to a user when an
article has an improper position on the article receiving
area, (iv) both checks out and checks in circulating items,
15 (v) stores fonts in bit maps of screen displays instead of
in a separate font memory, (vi) integrates a security marker
reader, a printer, and a controller in the same housing,
(vii) processes financial transactions related to the bor-
rowing of circulating items, and/or (viii) displays actions
for helping the user to correct errors in use of the termi-
nal.